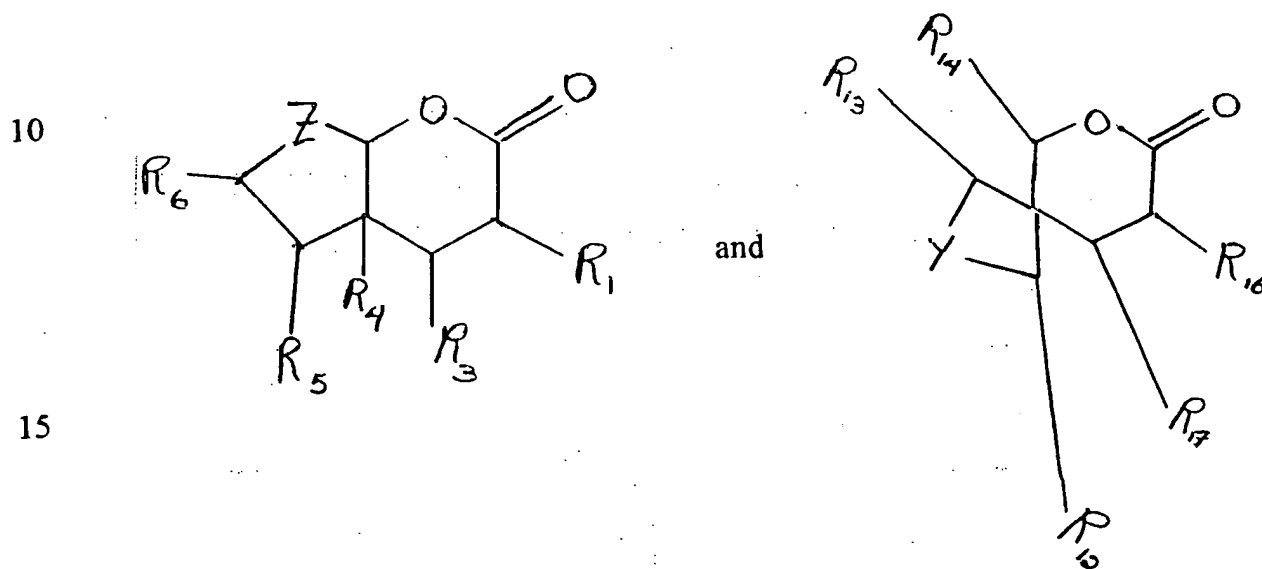
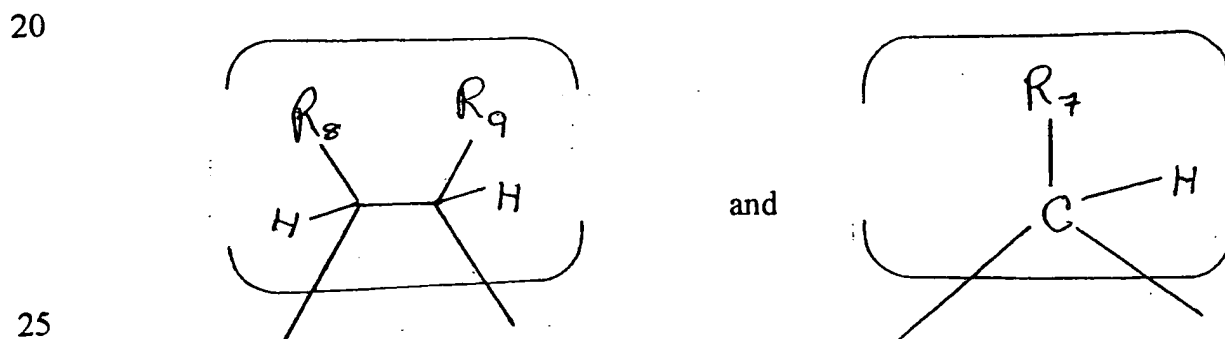


WHAT IS CLAIMED IS:

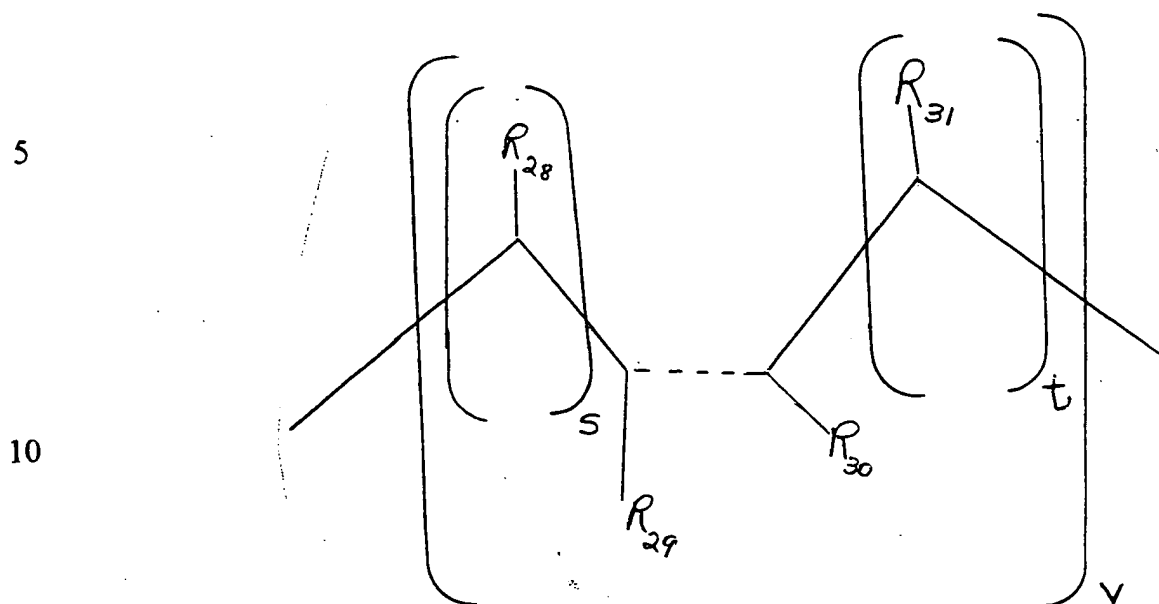
1. A process for augmenting, enhancing or imparting an aroma in or to a consumable material selected from the group consisting of perfume compositions, perfumed articles, colognes and perfume polymers, comprising the step of intimately admixing with a consumable material base an aroma augmenting, enhancing or imparting quantity and concentration of bicyclic lactone having a structure selected from the group consisting of:



wherein Z is a moiety selected from the group consisting of:



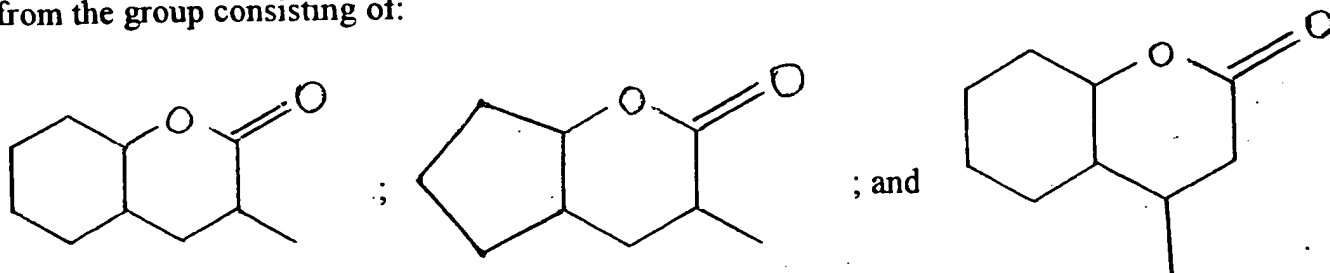
and wherein one of R₁ or R₃ is methyl and the other is hydrogen; wherein R₄, R₅, R₆, R₇, R₈ and R₉ are hydrogen or nonadjacent C₁-C₃ alkyl; wherein Y is C₂-C₁₂ substituted or unsubstituted alkylidenyl, alkenylidenyl or alkadienylidenyl having the structure:



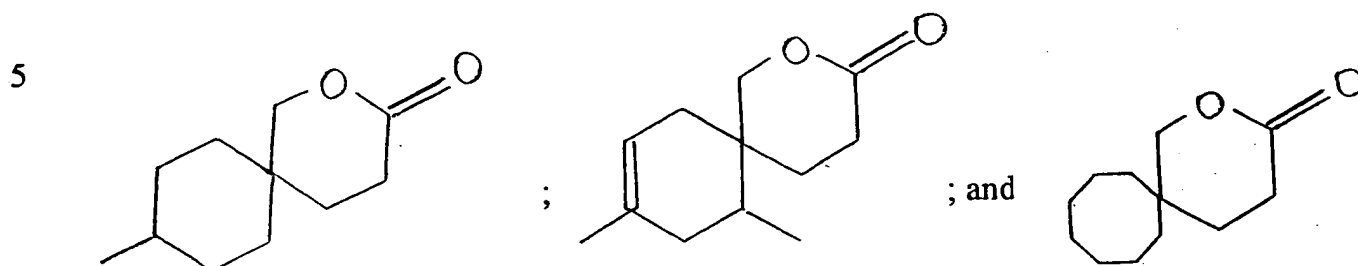
- 15 and completes a C₅-C₁₅ cycloalkyl, cycloalkadienyl or cycloalkenyl ring moiety; wherein R₁₂, R₁₃, R₁₄, R₁₆, R₁₇, R₂₈, R₂₉, R₃₀ and R₃₁ each represents hydrogen or C₁-C₃ nonadjacent alkyl; wherein the dashed line represents a carbon carbon single bond or a carbon carbon double bond; wherein s is an integer of from 0 up to 10; t is an integer of from 0 up to 10; wherein the sum of s and t is an integer of from 0 up to 10 defined
- 20 according to the inequalities: $0 \leq s + t \leq 10$; $0 \leq s \leq 10$; and $0 \leq t \leq 10$; and wherein v 1 or 2.

2. The process of Claim 1 wherein the bicyclic lactone has a structure selected from the group consisting of:

25

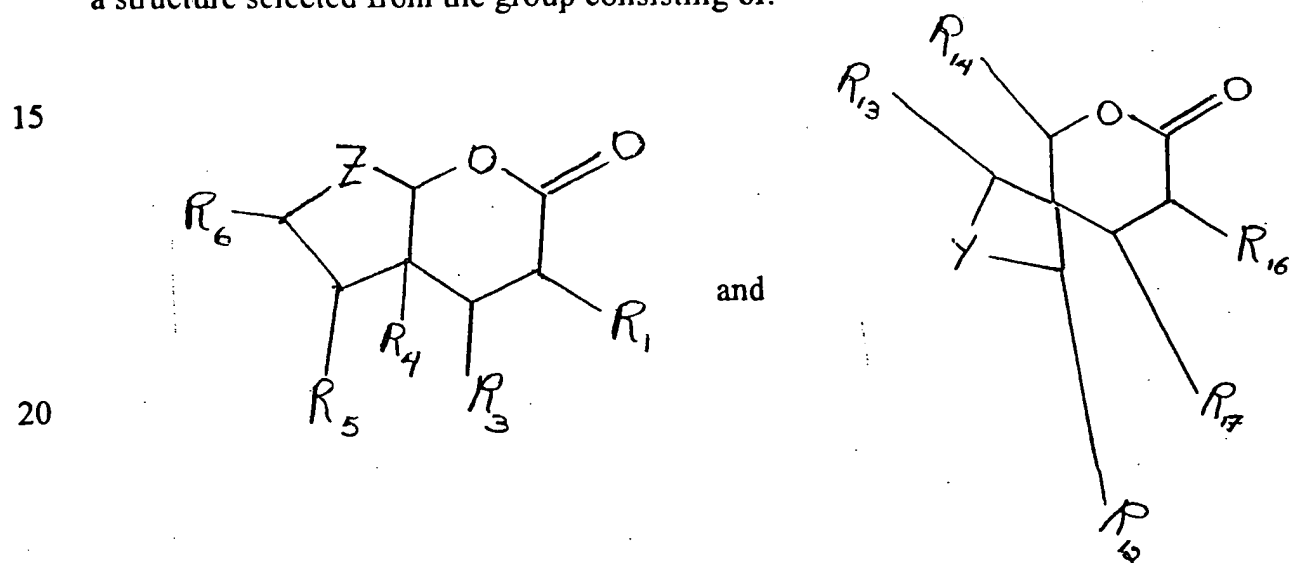


3. The process of Claim 1 wherein the bicyclic lactone has a structure selected from the group consisting of:

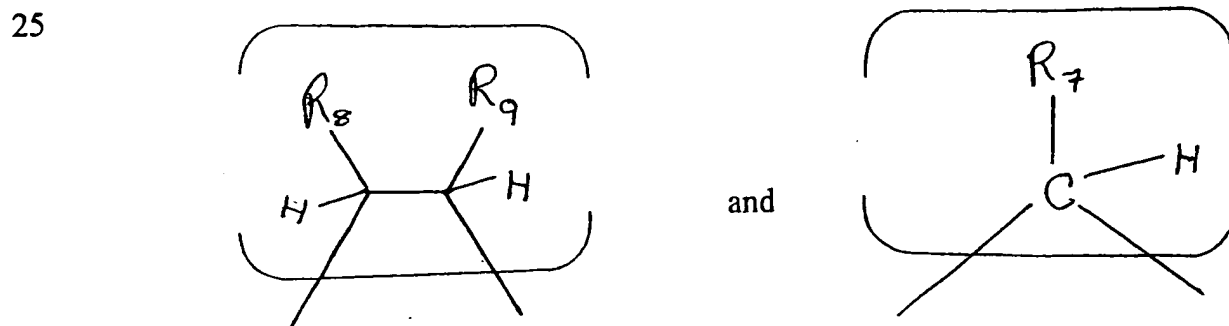


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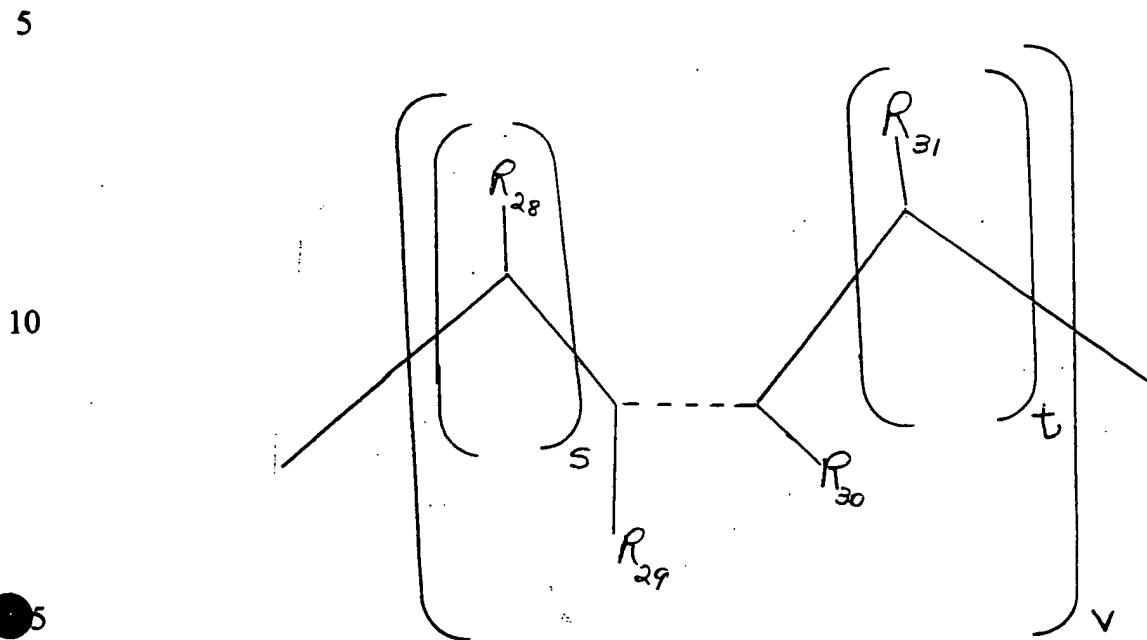
4. A perfumed article comprising a perfumed article base and an aroma augmenting, enhancing or imparting quantity and concentration of a bicyclic lactone having a structure selected from the group consisting of:



wherein Z is a moiety selected from the group consisting of:



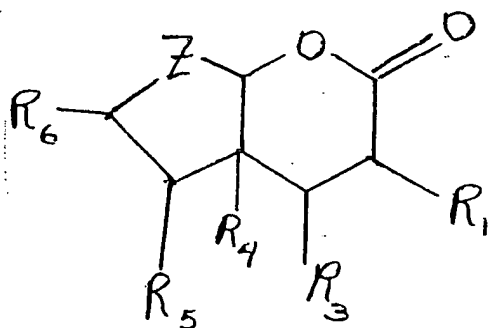
and wherein one of R_1 or R_3 is methyl and the other is hydrogen; wherein R_4 , R_5 , R_6 , R_7 , R_8 and R_9 are hydrogen or nonadjacent C_1 - C_3 alkyl; wherein Y is C_2 - C_{12} substituted or unsubstituted alkylidenyl, alkenylidenyl or alkadienylidenyl having the structure:



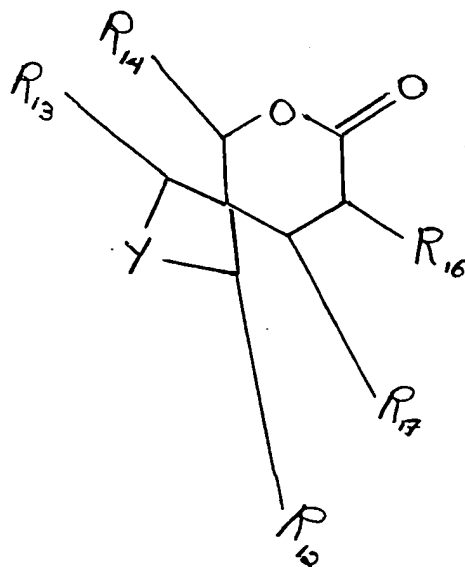
and completes a C_5 - C_{15} cycloalkyl, cycloalkadienyl or cycloalkenyl ring moiety; wherein R_{12} , R_{13} , R_{14} , R_{16} , R_{17} , R_{28} , R_{29} , R_{30} and R_{31} each represents hydrogen or C_1 - C_3 nonadjacent alkyl; wherein the dashed line represents a carbon carbon single bond or a carbon carbon double bond; wherein s is an integer of from 0 up to 10; t is an integer of from 0 up to 10; wherein the sum of s and t is an integer of from 0 up to 10 defined according to the inequalities: $0 \leq s + t \leq 10$; $0 \leq s \leq 10$; and $0 \leq t \leq 10$; and wherein v 1 or 2.

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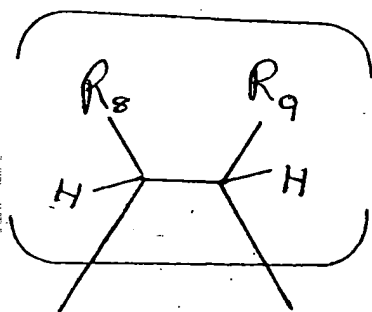
5. A perfumed polymer comprising a microporous polymer and contained in the interstices thereof an aroma augmenting, enhancing or imparting quantity and concentration of a bicyclic lactone having a structure selected from the group consisting of:



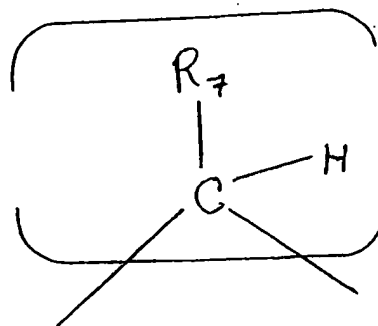
and



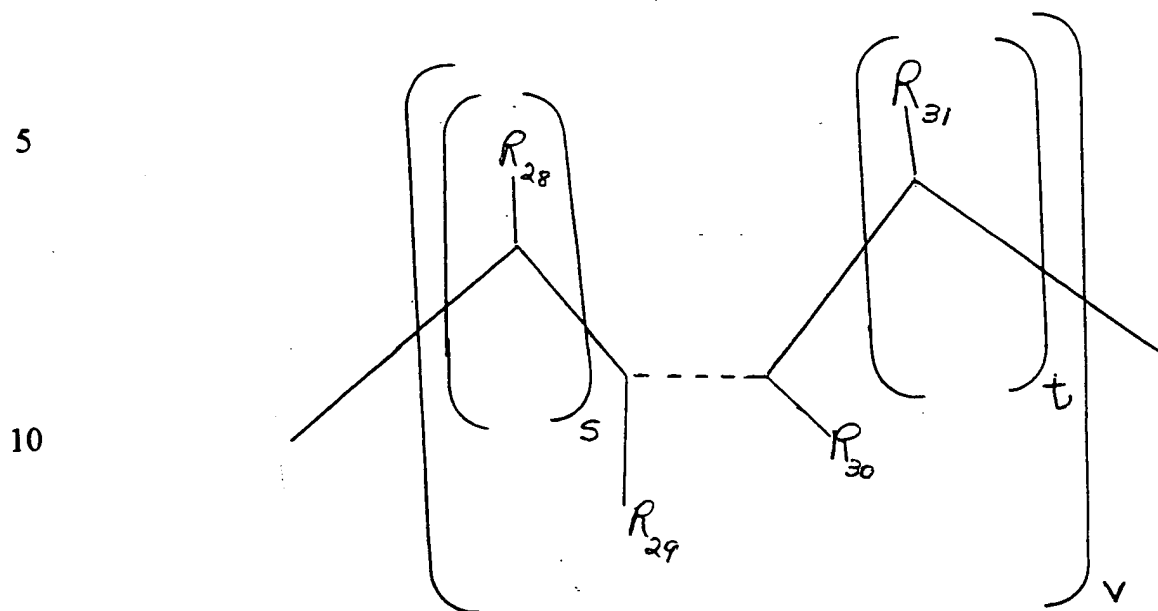
wherein **Z** is a moiety selected from the group consisting of:



and



and wherein one of **R**₁ or **R**₃ is methyl and the other is hydrogen; wherein **R**₄, **R**₅, **R**₆, **R**₇, **R**₈ and **R**₉ are hydrogen or nonadjacent C₁-C₃ alkyl; wherein **Y** is C₂-C₁₂ substituted or unsubstituted alkylidenyl, alkenylidenyl or alkadienylidenyl having the structure:

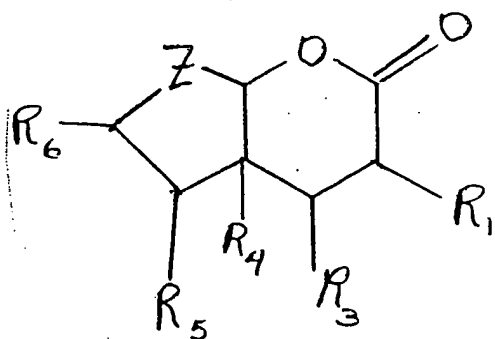


and completes a C_5 - C_{15} cycloalkyl, cycloalkadienyl or cycloalkenyl ring moiety; wherein R_{12} , R_{13} , R_{14} , R_{16} , R_{17} , R_{28} , R_{29} , R_{30} and R_{31} each represents hydrogen or C_1 - C_3 nonadjacent alkyl; wherein the dashed line represents a carbon carbon single bond or a carbon carbon double bond; wherein s is an integer of from 0 up to 10; t is an integer of from 0 up to 10; wherein the sum of s and t is an integer of from 0 up to 10 defined according to the inequalities: $0 \leq s + t \leq 10$; $0 \leq s \leq 10$; and $0 \leq t \leq 10$; and wherein v 1 or 2.

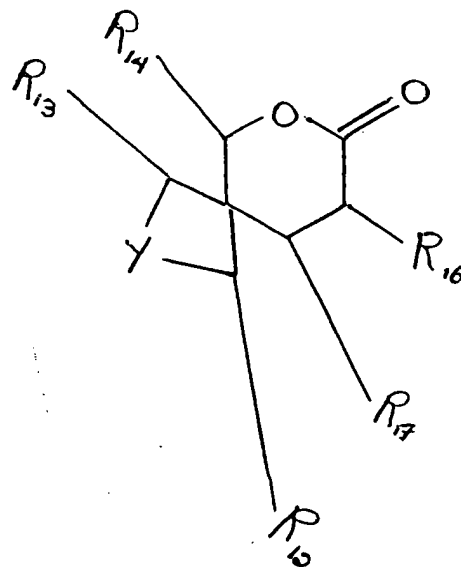
6. A perfume composition comprising a perfume base and intimately admixed therewith an aroma augmenting, enhancing or imparting quantity of a bicyclic lactone having a structure selected from the group consisting of:

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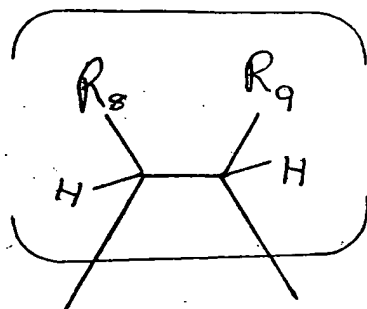


and

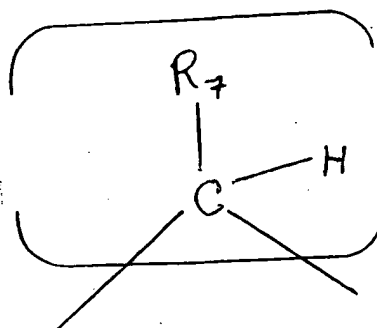


wherein Z is a moiety selected from the group consisting of:

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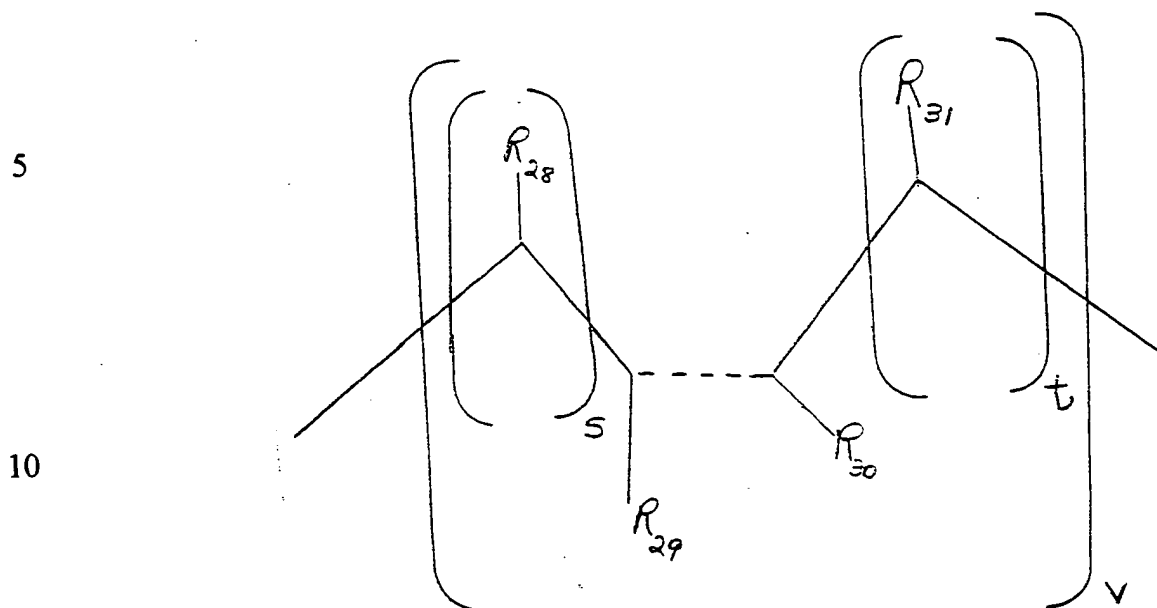


and



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and wherein one of R_1 or R_3 is methyl and the other is hydrogen; wherein R_4 , R_5 , R_6 , R_7 , R_8 and R_9 are hydrogen or nonadjacent C_1 - C_3 alkyl; wherein Y is C_2 - C_{12} substituted or unsubstituted alkylidenyl, alkenylidenyl or alkadienylidenyl having the structure:

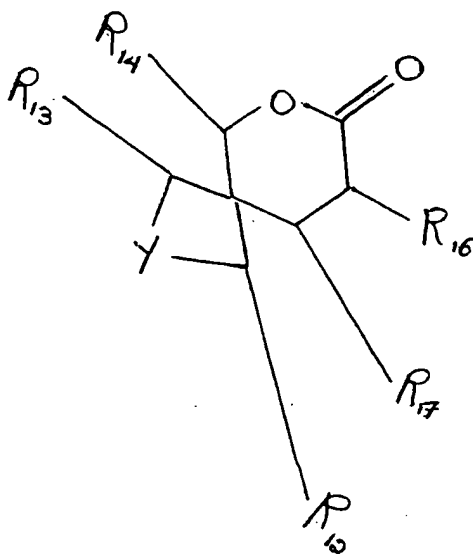


15 and completes a C_5 - C_{15} cycloalkyl, cycloalkadienyl or cycloalkenyl ring moiety; wherein R_{12} , R_{13} , R_{14} , R_{16} , R_{17} , R_{28} , R_{29} , R_{30} and R_{31} each represents hydrogen or C_1 - C_3 nonadjacent alkyl; wherein the dashed line represents a carbon carbon single bond or a carbon carbon double bond; wherein s is an integer of from 0 up to 10; t is an integer of from 0 up to 10; wherein the sum of s and t is an integer of from 0 up to 10 defined
 20 according to the inequalities: $0 \leq s + t \leq 10$; $0 \leq s \leq 10$; and $0 \leq t \leq 10$; and wherein v 1 or 2.

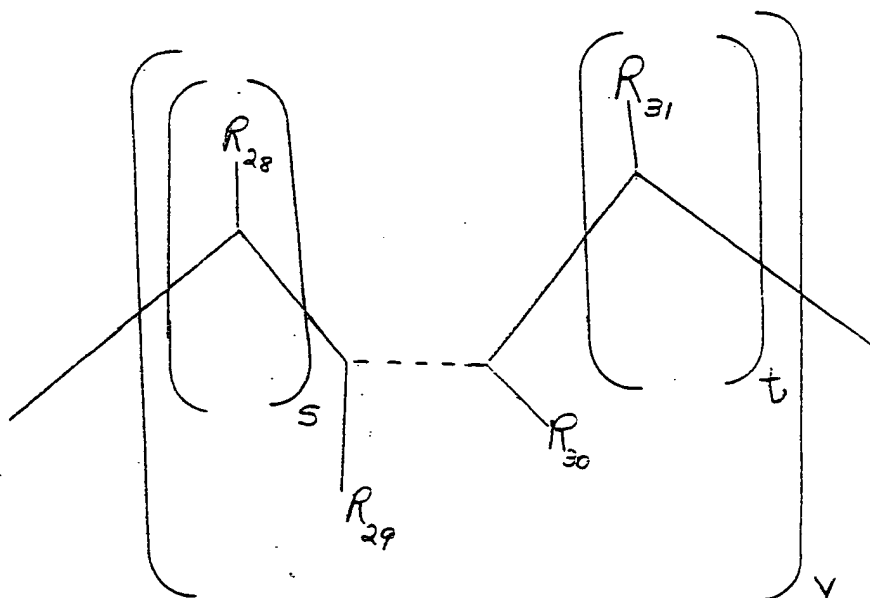
7. The process of Claim 1 wherein the consumable material is a detergent composition or a fabric softener composition.

25 8. The process of Claim 2 wherein the consumable material is a detergent composition or a fabric softener composition.

9. A bicyclic lactone having the structure:



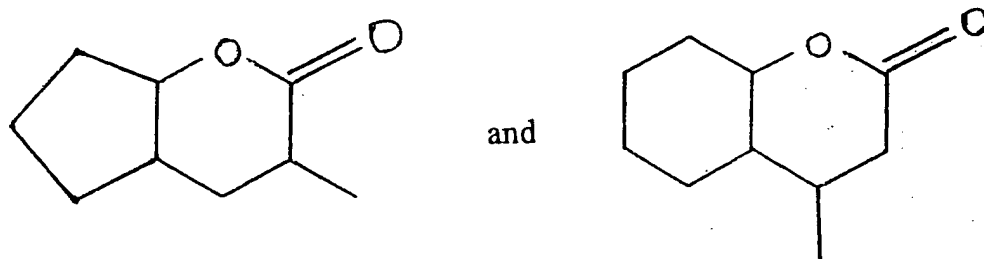
wherein Y is C₂-C₁₂ substituted or unsubstituted alkylidenyl, alkenylidenyl or alkadienylidenyl having the structure:



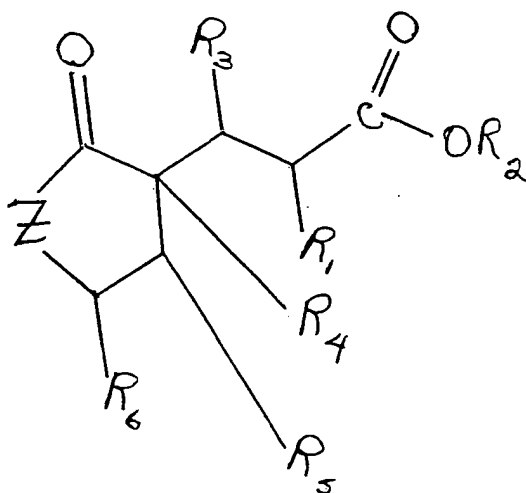
and completes a C₅-C₁₅ cycloalkyl, cycloalkadienyl or cycloalkenyl ring moiety; wherein

R_{12} , R_{13} , R_{14} , R_{16} , R_{17} , R_{28} , R_{29} , R_{30} and R_{31} each represents hydrogen or C_1 - C_3 nonadjacent alkyl; wherein the dashed line represents a carbon carbon single bond or a carbon carbon double bond; wherein s is an integer of from 0 up to 10; t is an integer of from 0 up to 10; wherein the sum of s and t is an integer of from 0 up to 10 defined according to the inequalities: $0 \leq s + t \leq 10$; $0 \leq s \leq 10$; and $0 \leq t \leq 10$; and wherein v 1 or 2.

10. A bicyclic lactone having a structure selected from the group consisting of:

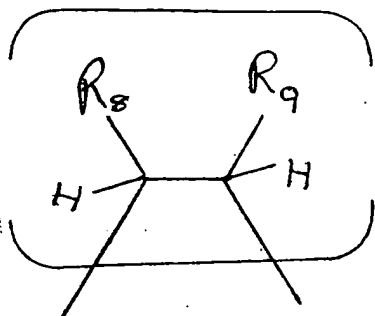


11. A ketoester having the structure:

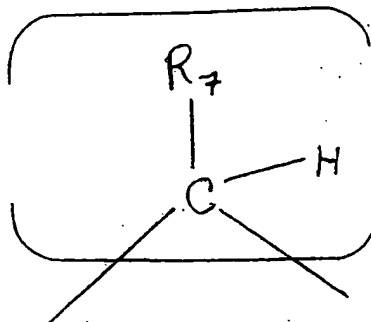


wherein Z is a moiety selected from the group consisting of:

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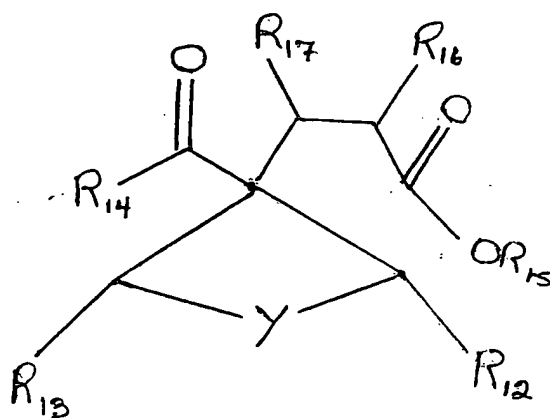
and



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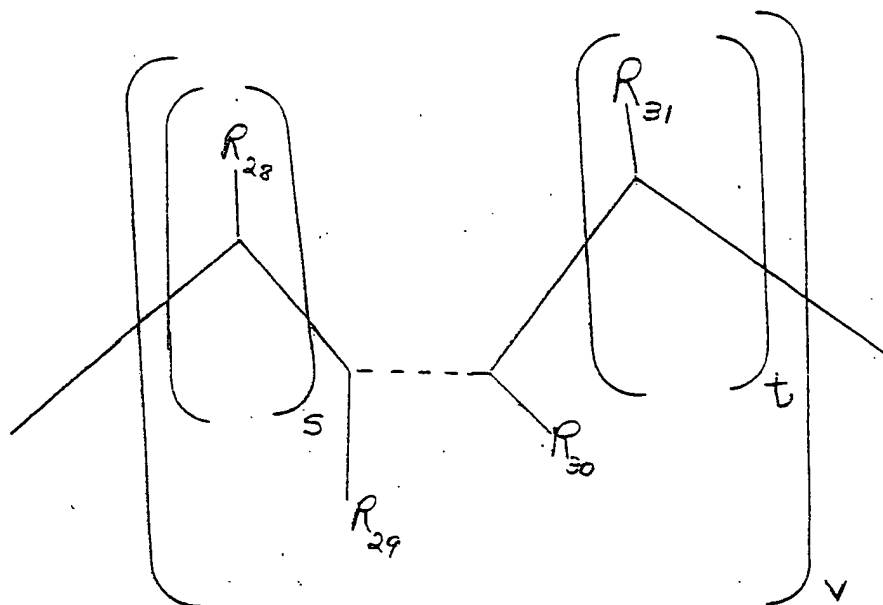
wherein R_2 is C_1 - C_4 lower alkyl; wherein one of R_1 or R_3 is methyl and the other is hydrogen; wherein R_4 , R_5 , R_6 , R_7 , R_8 and R_9 are hydrogen or nonadjacent C_1 - C_3 alkyl.

12. An oxo-ester having the structure:



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wherein R_{15} is C_1 - C_4 lower alkyl; wherein Y is C_2 - C_{12} substituted or unsubstituted alkylidenyl, alkenylidenyl or alkadienylidenyl having the structure:

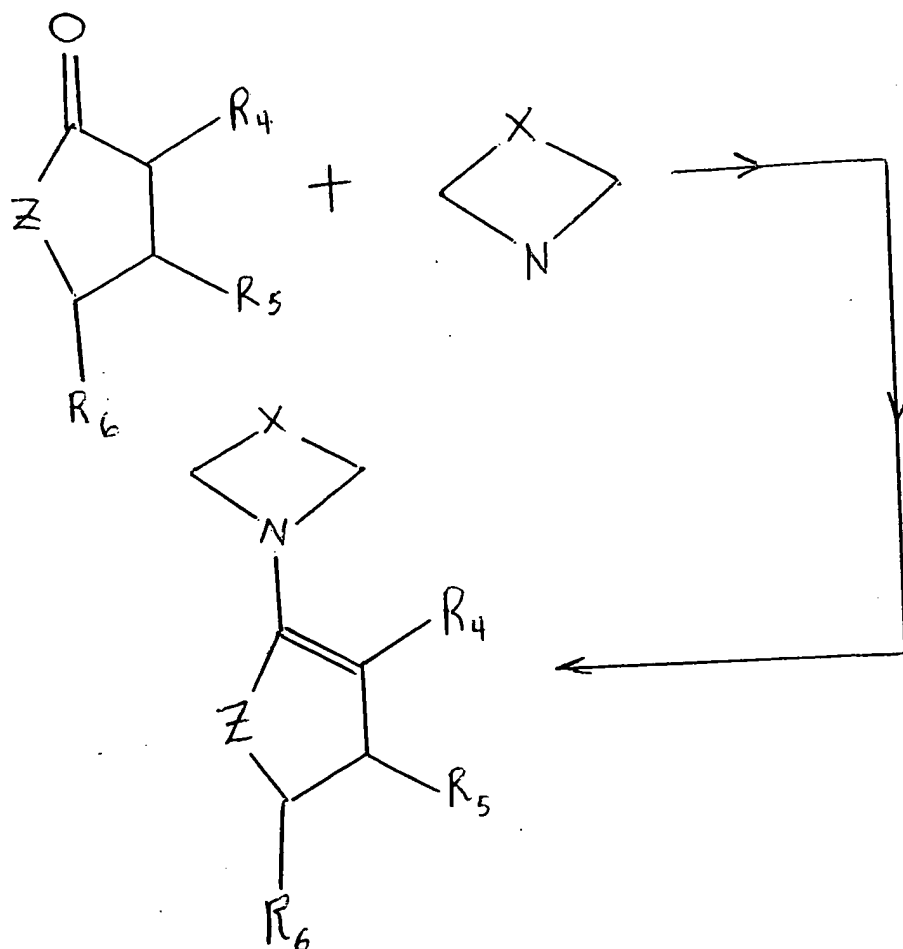


and completes a C₅-C₁₅ cycloalkyl, cycloalkadienyl or cycloalkenyl ring moiety; wherein R_{12} , R_{13} , R_{14} , R_{16} , R_{17} , R_{28} , R_{29} , R_{30} and R_{31} each represents hydrogen or C₁-C₃ nonadjacent alkyl; wherein the dashed line represents a carbon carbon single bond or a carbon carbon double bond; wherein s is an integer of from 0 up to 10; t is an integer of from 0 up to 10; wherein the sum of s and t is an integer of from 0 up to 10 defined according to the inequalities: $0 \leq s + t \leq 10$; $0 \leq s \leq 10$; and $0 \leq t \leq 10$;

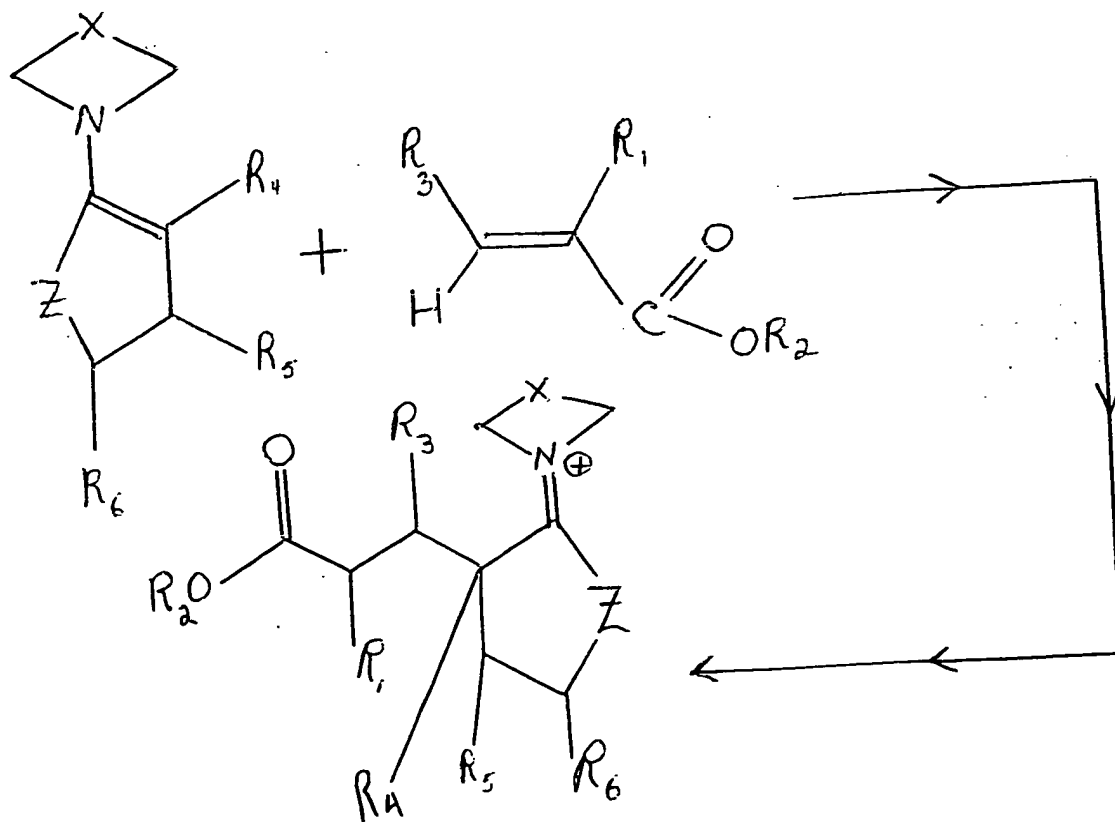
wherein v 1 or 2; and wherein R_{15} represents C₁-C₄ lower alkyl.

13. A process for the preparation of a bicyclic lactone comprising the steps of carrying out the reaction sequence in order:

(i)

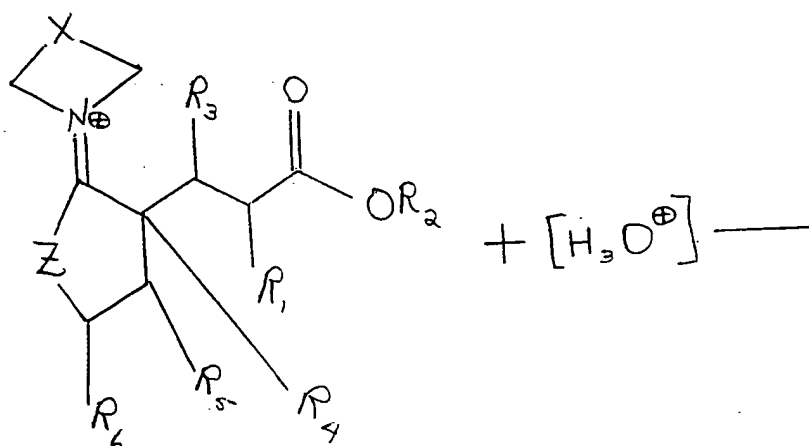


(ii)



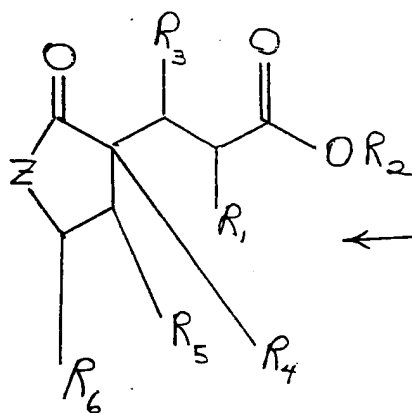
(iii)

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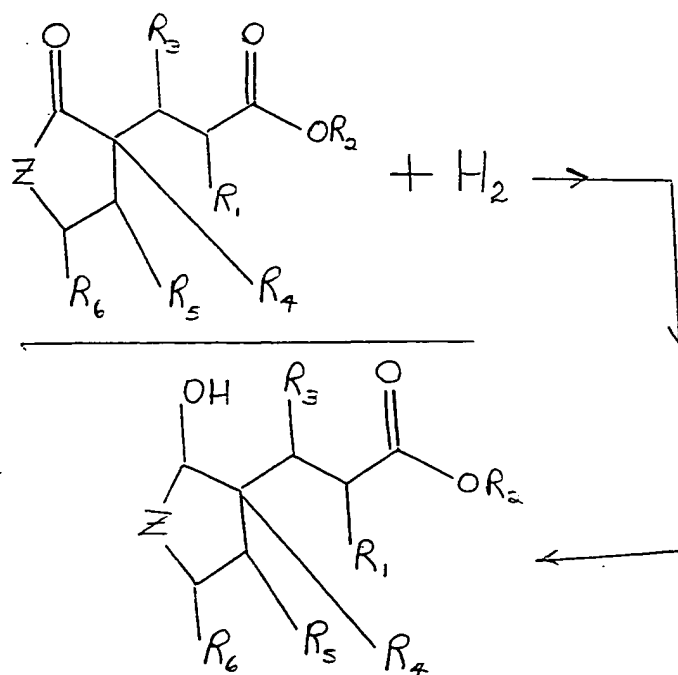
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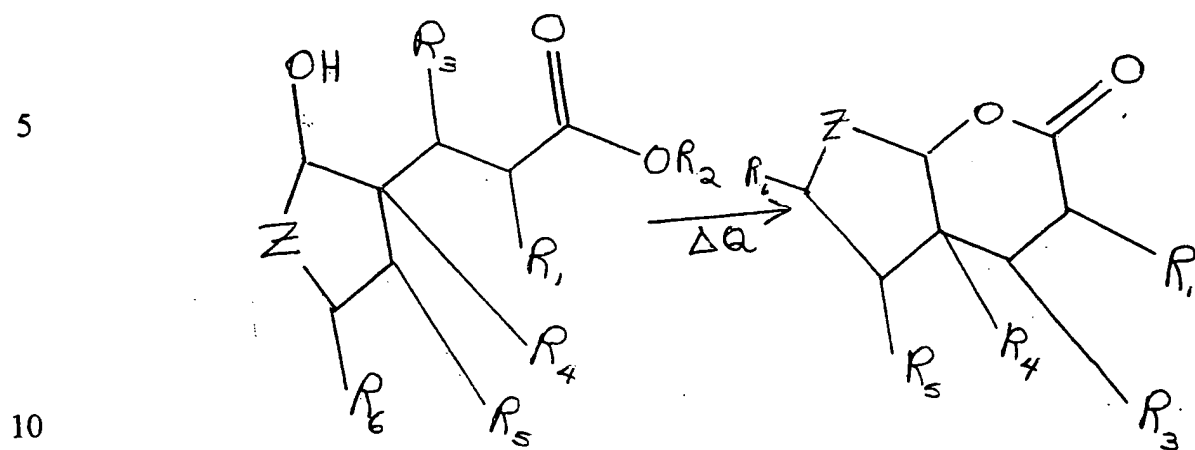
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(iv)

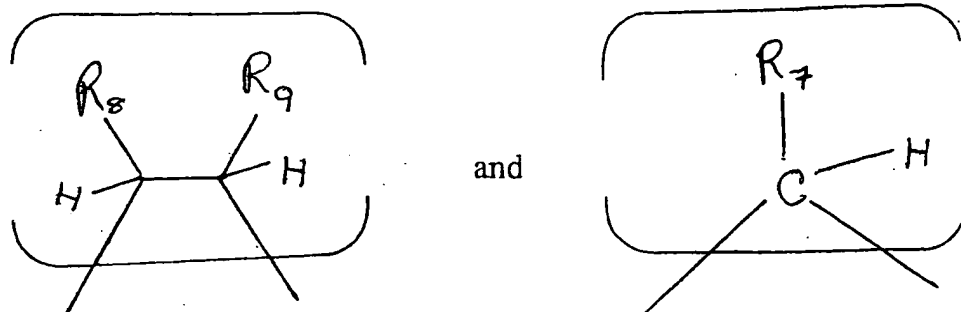
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; and



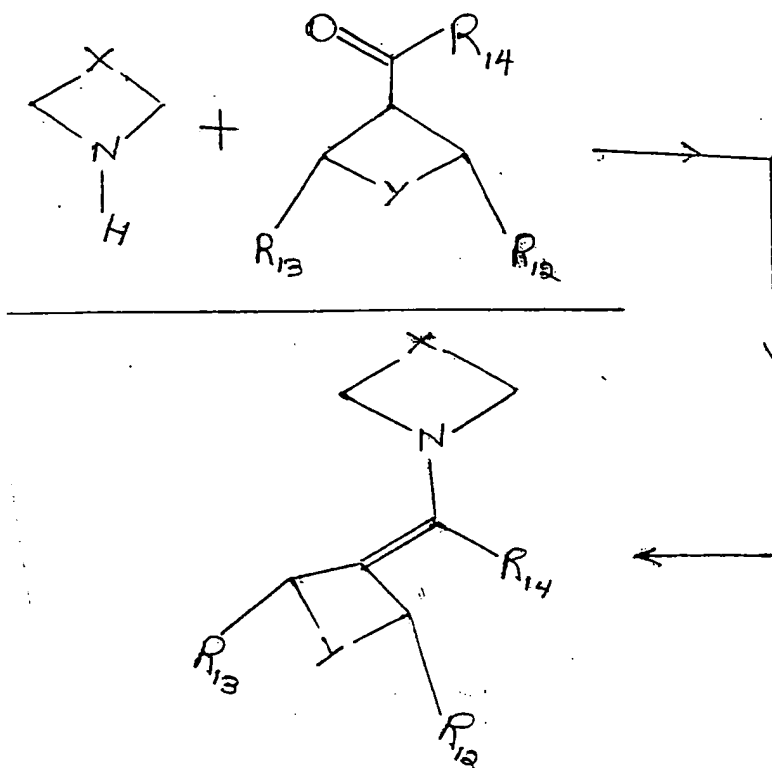
and isolating the resulting bicyclic lactone wherein Z is a moiety selected from the group consisting of:



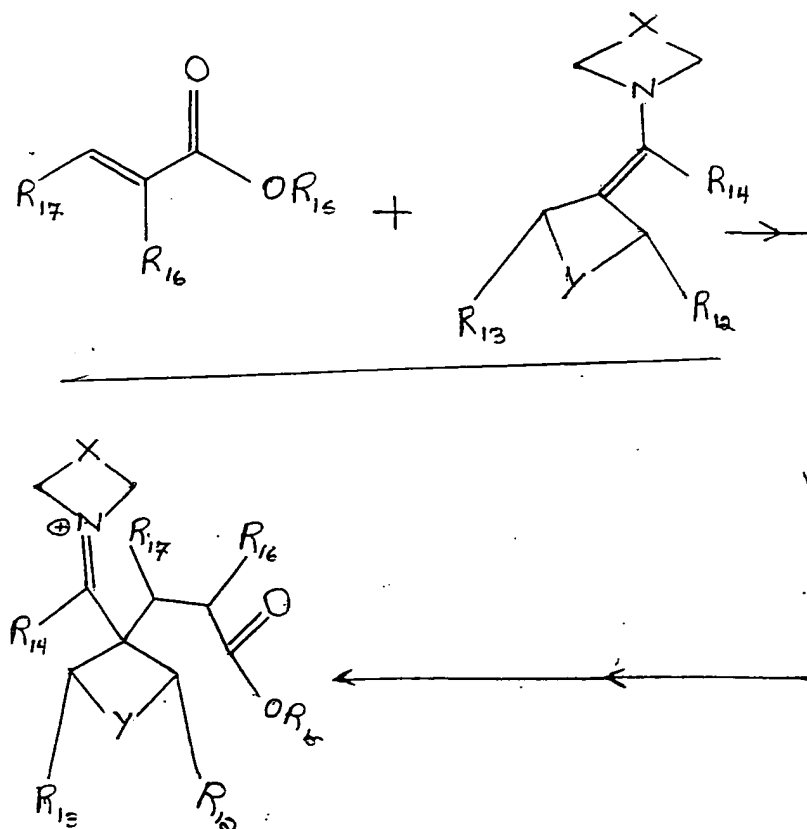
and wherein one of R_1 or R_3 is methyl and the other is hydrogen; wherein R_4 , R_5 , R_6 , R_7 , R_8 and R_9 are hydrogen or nonadjacent C_1 - C_3 alkyl; and wherein R_2 represents C_1 - C_4 alkyl.

- 25
14. A process for the preparation of a bicyclic lactone comprising the steps of carrying out the reaction sequence in order:

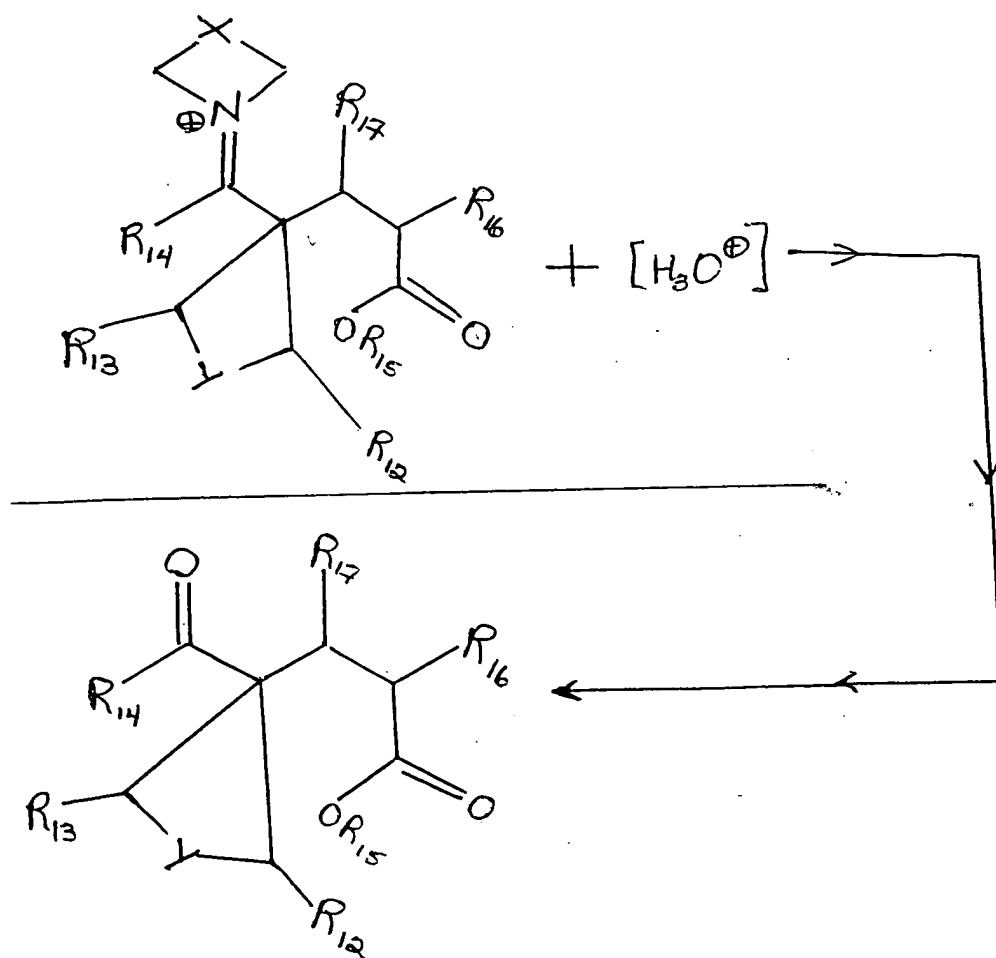
(i)



(ii)

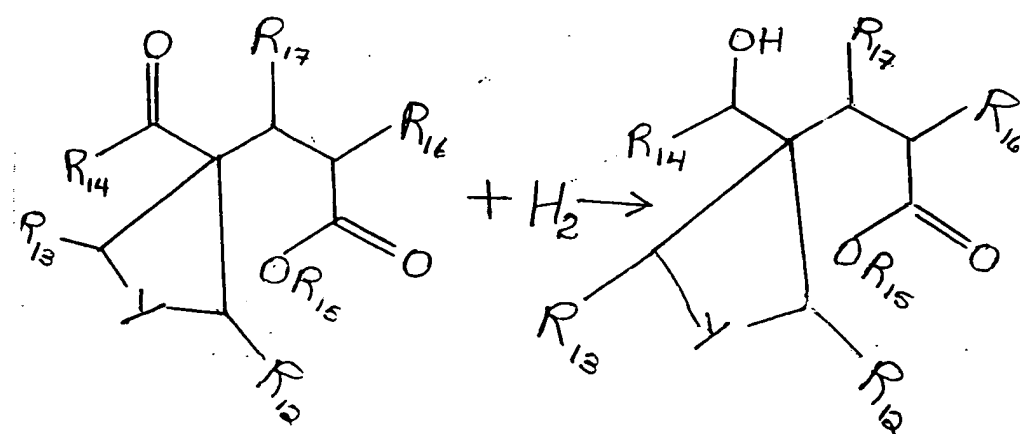


(iii)



;

(iv)

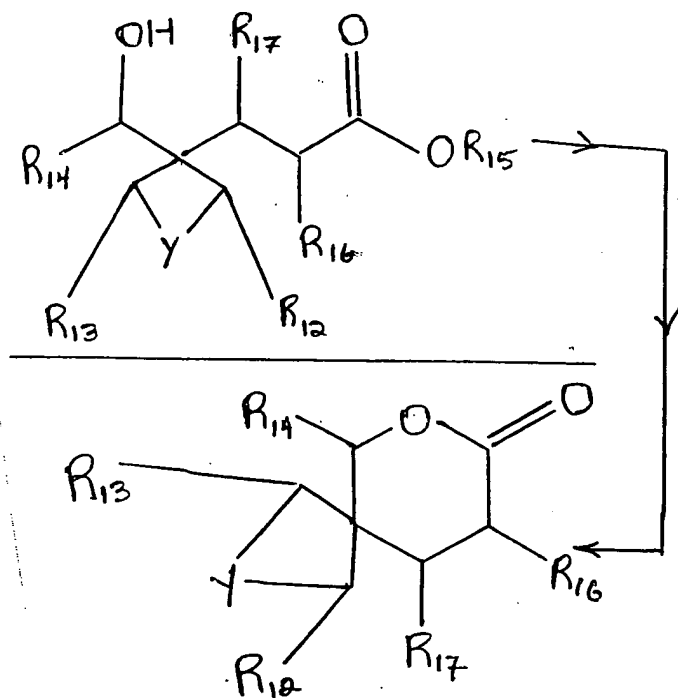


; and

(v)

5

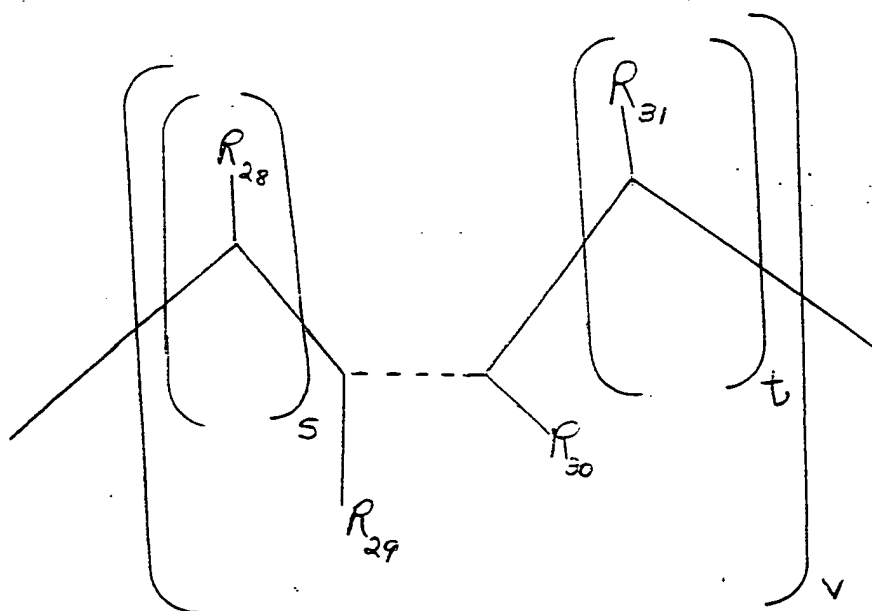
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5 and isolating the resulting bicyclic lactone wherein wherein R_{15} is C_1 - C_4 lower alkyl; wherein Y is C_2 - C_{12} substituted or unsubstituted alkylidenyl, alkenylidenyl or alkadienylidenyl having the structure:

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and completes a C₅-C₁₅ cycloalkyl, cycloalkadienyl or cycloalkenyl ring moiety; wherein R₁₂, R₁₃, R₁₄, R₁₆, R₁₇, R₂₈, R₂₉, R₃₀ and R₃₁ each represents hydrogen or C₁-C₃ nonadjacent alkyl; wherein the dashed line represents a carbon carbon single bond or a carbon carbon double bond; wherein s is an integer of from 0 up to 10; t is an integer of
5 from 0 up to 10; wherein the sum of s and t is an integer of from 0 up to 10 defined according to the inequalities: $0 \leq s + t \leq 10$; $0 \leq s \leq 10$; and $0 \leq t \leq 10$; wherein v 1 or 2; and wherein R₁₅ represents C₁-C₄ lower alkyl.